



Item	Title	Qty
1	3in Abrasive Cut Off Valve	1
2	Bypass Spout-3in Cut Off	1
3	Hose Adapter-3in Cut Off	1
4	Abrasive Entry Box	1
5	3/8" - 16 x 1.0" Bolt	4
6	Abrasive Valve 3"	1
7	Hose-Abrasive	1

Item	Title	Qty
8	3/8 - 16 Nut	2
9	3/8 Flat Washer	8
10	Lock Washer - 3/8	4
11	Customer Hopper/Elevator	1
12	Bolt 3/8 x 1-1/2" Long	2
13	Wood Screw - 5/32 x 1-1/4	8

THIS DRAWING & DESIGN THEREIN IS THE PROPERTY OF NORTH STAR PRODUCTS, LLC  
 USE & COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT.

  
**NORTH STAR**  
 PRODUCTS, LLC  
 Abrasive Bypass System

DWG NO  
 4980905